

REMARKS

Claims 1 and 11 are amended, Claims 13 and 14 are cancelled and Claims 17-20 are added. Claims 1-12 and 15-20, as amended, remain in the application. No new matter is added by the amendments to the drawings and the claims.

Applicant notes that form PTOL-326 indicates that the certified copy of the priority document has not been received. Applicant's file shows that a certified copy of EP Patent Application No. 02405952.9 was filed with the application papers. Attached are a copy of each of the Transmittal form PTO/SB/05, the cover page of the certified copy and the return card as evidence of filing of the certified copy of EP Patent Application No. 02405952.9 with the patent application. **Please advise whether Applicant will be required to file another certified copy.**

The Rejections:

In the Office Action dated January 11, 2006, the Examiner stated that the title of the invention is not descriptive and a new title is required that is clearly indicative of the invention to which the claims are directed.

The Examiner objected to the drawings are objected because the blank rectangular boxes and/or merely numbered boxes of figures 1-3 must be labeled. The Examiner stated that Fig. 2A should be designated by a legend such as --Prior Art-- because only that which is old is illustrated.

The Examiner rejected Claims 11 and 12 under 35 U.S.C. 103(a) as being unpatentable over Schroder (5086883) and Mon et al (6419051). The Examiner stated that Schroder teaches in figures 1-4, a double deck elevator system with multiple cars 5,6 which stop at consecutive floors and main stopping floor (L1,L2) which are connected by an escalator 7, but admitted that Schroder does not illustrate the allocation of decks based on destination calls registered from L1,L2. The Examiner further stated that Mon et al teaches that it is advantageous to assign the best deck from a double deck elevator system in order to improve response and efficiency that the decks of multiple double deck elevators 1-3 can be changed dynamically based on destination inputs from multiple floors and the deck assignments can further be changed after initial assignment. Assignment is done without respect to floors in the building and thus, to utilize the best deck/reassignment system of Mon et al to improve the efficiency of the system of Schroder

000132702\0093\688084-1

would have been an obvious engineering design choice to one of ordinary skill in the art to improve efficiency and response time.

The Examiner rejected Claim 16 under 35 U.S.C. 103(a) as being unpatentable over Schroder and Mon et al, and further in view of Siikonen (6401874). The Examiner admitted that Schroder and Mon et al do not illustrate the reassignment system based on fewest number of stops, but stated that Siikonen teaches that for improved journey time, it is advantageous to take into consideration the number of stops for a double deck elevator system and thus, to utilize the number of stops in the assignment would have been an obvious engineering design choice to one of ordinary skill in the art to improve journey time.

The Examiner rejected Claims 1, 5, 7, 13 and 15 under 35 U.S.C. 103(a) as being unpatentable over Schroder '883 and Mon et al, and further in view of Schroder (4836336). The Examiner admitted that Schroder '883 does not illustrate a dynamic display for the deck, but stated that Schroder '336 illustrates both a dynamic display 9 and car display 16 to inform the passengers P1-P4 of the best car/deck after car allocation to better inform the passengers and thus, to utilize the car/deck display would have been an obvious engineering design choice to one of ordinary skill in the art to better inform the passengers.

The Examiner rejected Claims 4, 6, 9 and 10 under 35 U.S.C. 103(a) as being unpatentable over Schroder '883, '336 and Siikonen. The Examiner stated that Schroder '883, '336 illustrate the double deck elevator system and associated display but do not illustrate the assignment based on the number of stops. The Examiner further stated that Siikonen teaches that for improved journey time, it is advantageous to take into consideration the number of stops for a double deck elevator system and thus, to utilize the number of stops in the assignment would have been an obvious engineering design choice to one of ordinary skill in the art to improve journey time.

The Response:

Applicant amended the title of the invention in response to the Examiner's statement that the title is not descriptive.

In response to the Examiner's objections to the drawings, attached are three sheets of drawings identified as "Annotated Sheet Showing Proposed Changes" for consideration by the

000132702\0093\688084-1

Examiner. The blank rectangular boxes are labeled and the "Prior Art" legend is added to Fig. 2. Upon approval by the Examiner, Applicant will file replacement sheets.

Applicant amended Claim 1 to delete "his or her allocated car deck and/or". Thus Claim 1 includes an indicating device connected to the conversion unit and being responsive to the ascertained car deck to indicate to the passenger at the main stopping point the main stopping floor associated with the allocated car deck.

Examiner admitted that Schroder '883 does not illustrate a dynamic display for the deck, but stated that Schroder '336 illustrates both a dynamic display 9 and a car display 16 to inform the passengers P1-P4 of the best car/deck after car allocation to better inform the passengers. The Schroder '336 call registering circuit 9 has a keyboard 20 for entering destination floors. An indicator 14 is positioned above each floor door to show the travel direction of the arriving car deck. There is no reference numeral 16 used in the Schroder '336 patent.

Neither the call registering circuit 9 nor the indicator 14 of Schroder '336 indicates the main stopping floor associated with the allocated car deck. The call registering circuits 9 and the indicators 14 are associated with only one stopping floor each so that there is no need to allocate a car deck and then direct a passenger to an associated main stopping floor because the passenger is already at the associated stopping floor. Accordingly, amended Claim 1 and dependent Claims 2-10 are allowable.

The Examiner objected to Claim 14 as being dependent upon a rejected base claim, but stated that it would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant notes that Claim 14 contains a typographical error in that it should have depended from Claim 13, wherein the "indicating" step is introduced, instead of Claim 12. Applicant has combined the subject matter of original Claim 11 with the subject matter of cancelled Claim 14 in new Claim 17. New dependent Claims 18-20 correspond to original Claims 12, 15 and 16 respectively. In view of the Examiner's comments regarding the prior art, Applicant believes that Claims 17-20 are allowable.

Applicant amended Claim 11 to include the subject matter of cancelled Claims 13 and 14. In view of the Examiner's comments regarding the prior art, Applicant believes that Claims 11, 12, 15 and 16 are allowable.

The Examiner stated that the prior art made of record and not relied upon is considered pertinent to Applicant's disclosure. The Examiner cited U.S. Patent No. 6,176,351 issued to Ikeda et al., U.S. Patent No. 6,505,712 issued to Hattoni et al, and U.S. Patent No. 6,619,437 issued to Hikita to illustrate similar double deck assignment systems. Applicant reviewed these references and found them to be no more pertinent than the prior art relied upon by the Examiner in the rejections.

In view of the amendments to the claims and the above arguments, Applicant believes that the claims of record now define patentable subject matter over the art of record. Accordingly, an early Notice of Allowance is respectfully requested.

Please type a plus sign (+) inside this box → []

PTO/SB/05 (11/00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 16569	
Only for new nonprovisional applications under 37 CFR 1.53(b)		First Inventor or Application Identifier Miroslav Kostka	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		Title Control Device and Control Method for an Elevator Installation with Multiple Cars	
		Express Mail Label No. EL 975498178 US	
		MAIL STOP PATENT APPLICATION Commissioner for Patents ADDRESS TO: P. O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27)		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total Pages 14] (preferred arrangement set forth below)		a. <input type="checkbox"/> Computer Readable Form (CRF)	
— Descriptive title of the Invention		b. Specification Sequence Listing on:	
— Cross References to Related Applications		i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	
— Statement Regarding Fed sponsored R&D		ii. <input type="checkbox"/> Paper	
— Reference to sequence listing, a table, or a computer program listing appendix		c. <input type="checkbox"/> Statement verifying identity of above copies	
— Background of the Invention			
— Brief Summary of the Invention			
— Brief Description of the Drawings (if filed)			
— Detailed Description			
— Claim(s)			
— Abstract of the Disclosure			
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 3]			
5. Oath or Declaration [Total Pages 2]			
a. <input checked="" type="checkbox"/> Newly executed (original or copy)			
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) (Note Box 5 below)			
DELETION OF INVENTORS			
L. <input type="checkbox"/> Signed statement attached deleting inventor(s) named in the prior application, see CFR §§ 1.63(d)(2) and 1.33(b).			
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. / Prior application information: Examiner Group/Art Unit			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 04859 or <input type="checkbox"/> Correspondence address below			
PATENT TRADEMARK OFFICE			
Name William J. Clemens, Esq.			
Address			
City			
Country Telephone 734/542-0900 Zip Code 734/542-9569			
Name (print/type) William J. Clemens Registration No. (Attorney/Agent) 26,855			
Signature Date November 4, 2003			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231
c:\2003\16569.sb05.doc

Certificate of Mailing by Express Mail

"Express Mail" Mailing Label No. EL 975498178 US Date of Deposit November 4, 2003. I hereby certify that this paper or fee is being deposited in the United States "Express Mail Post Office to Addressee" service under 37 CFR 1.110 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

BEST AVAILABLE COPY



**Europäisches
Patentamt**

**European
Patent Office**

**Office européen
des brevets**

Bescheinigung

Certificate

Attestation

Die angehefteten Unterlagen stimmen mit der ursprünglich eingereichten Fassung der auf dem nächsten Blatt bezeichneten europäischen Patentanmeldung überein.

The attached documents are exact copies of the European patent application described on the following page, as originally filed.

Les documents fixés à cette attestation sont conformes à la version initialement déposée de la demande de brevet européen spécifiée à la page suivante.

Patentanmeldung Nr. Patent application No. Demande de brevet n°

02405952.9

Der Präsident des Europäischen Patentamts;
Im Auftrag

For the President of the European Patent Office

Le Président de l'Office européen des brevets
p.o.

R C van Dijk

WJC

SERIAL NO. _____ CASE NO. 16569
(INVENTOR 2003)
FILED: _____
APPLICANT(S): MIRDELAV KOSTKA

THE PATENT OFFICE MAIL ROOM DATE STAMP HEREON
ACKNOWLEDGES RECEIPT OF THE FOLLOWING ITEMS:

- ☒ Patent Application (14 pages)
☒ Drawing(s) (3 sheets) 22386 U.S. PTO
☒ Assignment 10/701204
☒ Small Entity Declaration
☒ Express Mail Certificate
☐ First Class Mail Certificate
☐ Fees \$ _____ (check)
☒ Fees \$ 750.40 (deposit account)
☒ Other TRANSMITTAL DOCS, PRIORITY DOC, POSTAL
- ☐ Amendment
☐ Information Disclosure Stmt.
☐ Extension of Time
☐ Issue Fee Transmittal
☐ Advance Patent Copy Order
☐ Maintenance Fee Transmittal
☐ TM/SM Application
☐ TM/SM Exhibits(3)

4/4/03

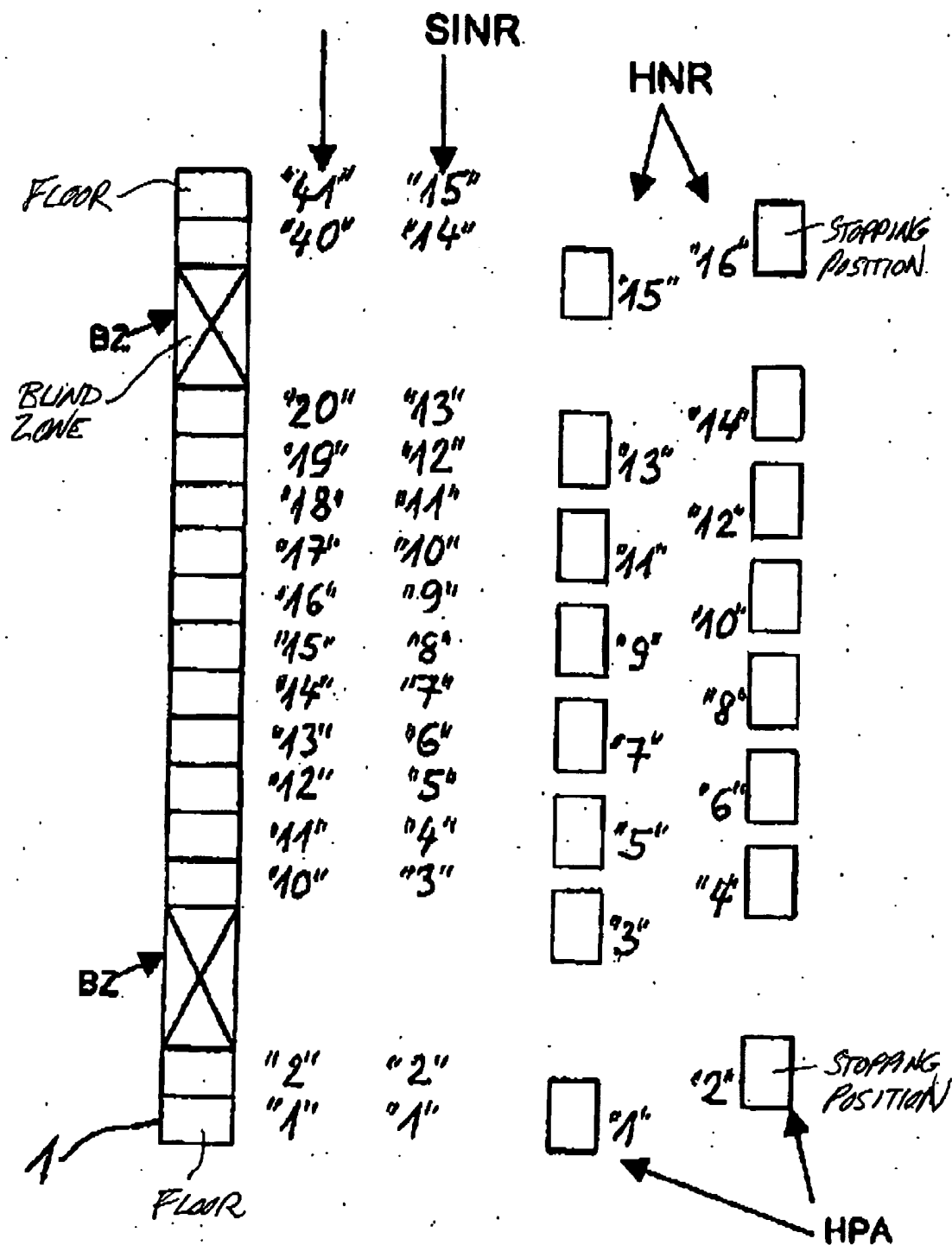
2/4/04 IDS

BOOKETED
By DAK File To MLF

RECEIVED
U.S. PTO
NOV 13 2003
MacMILLAN, SOBANSKI & TODD

BEST AVAILABLE COPY

ANNOTATED SHEET SHOWING PROPOSED CHANGES GSR



BEST AVAILABLE COPY

FIG. 1

2/3

ANNOTATED SHEET SHOWING PROPOSED CHANGES

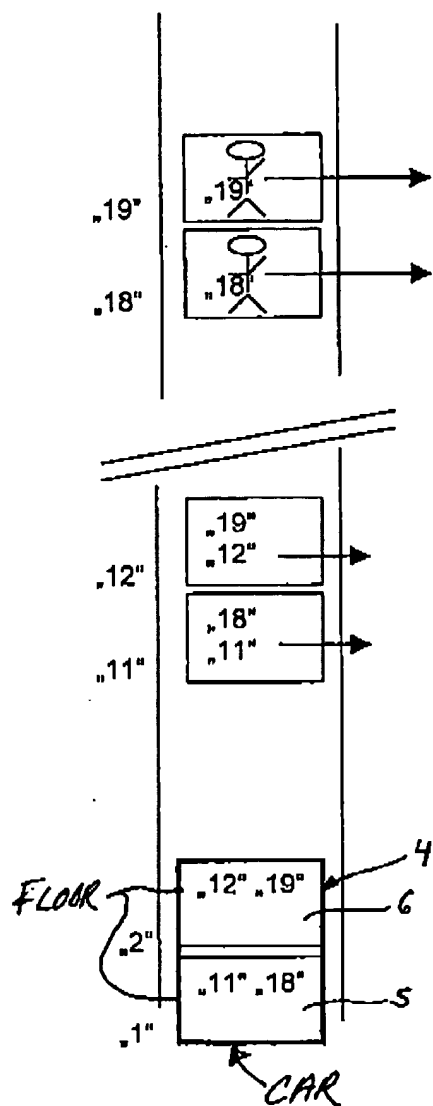
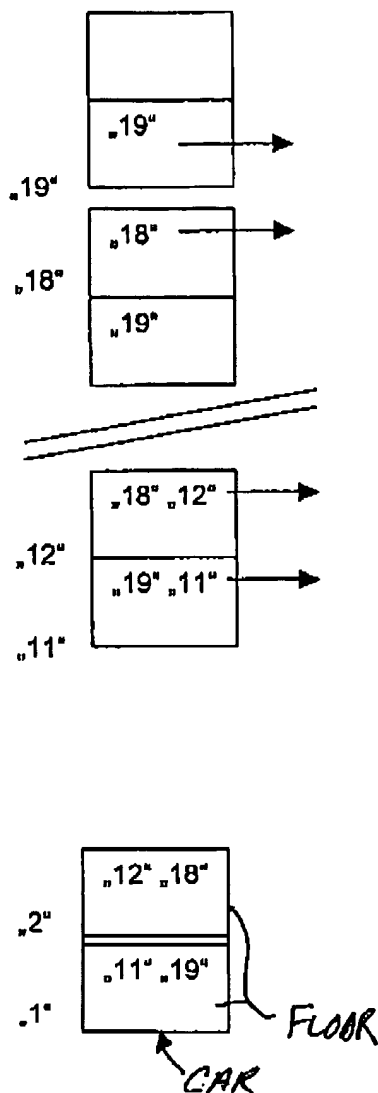


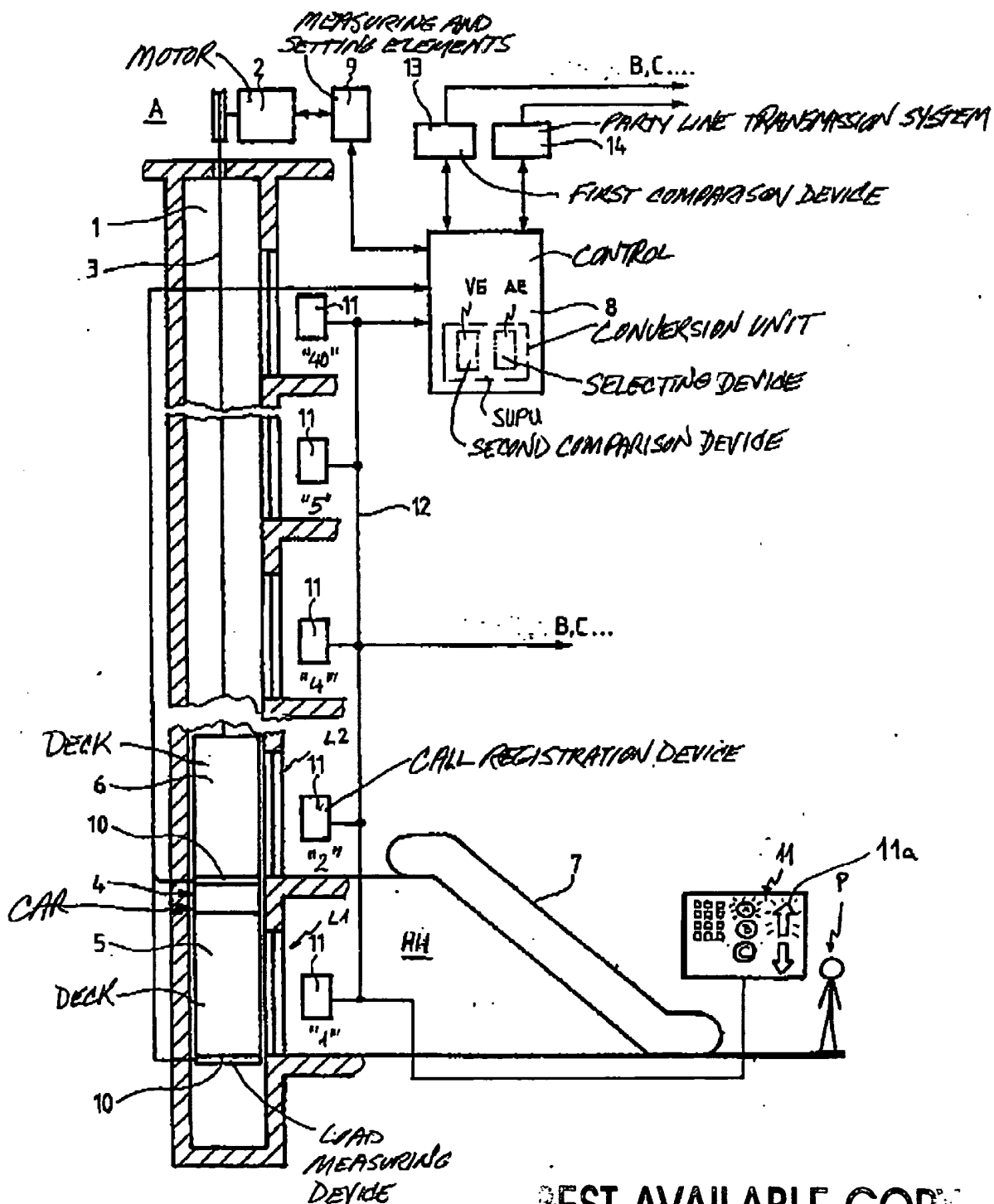
FIG. 2B

FIG. 2A
(PRIOR ART)

BEST AVAILABLE COPY

ANNOTATED SHEET SHOWING PROPOSED CHANGES

Fig. 3



BEST AVAILABLE COPY